

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-157509

(43)Date of publication of application : 13.06.2000

(51)Int.Cl.

A61B 5/055  
G01R 33/48

(21)Application number : 11-328933

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(22)Date of filing : 19.11.1999

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(30)Priority

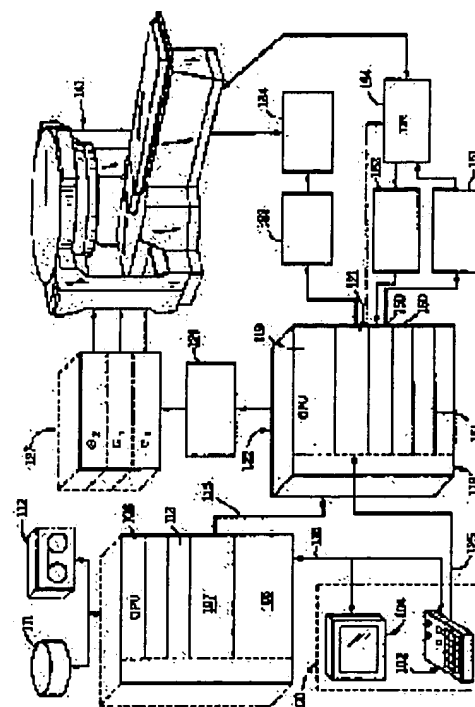
Priority number : 98 198226 Priority date : 23.11.1998 Priority country : US

### (54) CALIBRATION METHOD FOR MRI SYSTEM, MRI SYSTEM AND RESET GRADIENT GENERATION METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To reduce the residual magnetism of an MRI(magnetic resonance imaging) system so as to reduce image artifacts.

SOLUTION: This MRI system is provided with a gradient compensation system 129 for compensating an imaging gradient waveform for a perturbation due to the residual magnetism. A calibration processing for measuring both of stagnation components and transient components is executed and compensation data are formed and stored. For later utilization by the MRI system, the compensation data can be stored in a lookup table or a polynomial can be fitted to the compensation data.



### LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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